

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system that facilitates management of a build process, comprising:

a build process processor that executes to build a project that includes~~processes~~ one or more build entities, wherein building the project includes compiling at least one of the one or more build entities; and

a policy component that is ~~processed~~accessed by the build process processor before building the project to determine ~~one or more levels~~a level of trust within which the build process ~~operates~~executes;

~~wherein a developer associates the one or more build entities with one or more levels of trust, such that at build time, a principal permission level under~~ wherein the level of trust within which the build process executes is determined by analyzing the levels of trust associated with each of the one or more build entities, and selecting the lowest level of trust of all involved build entities, dictates the principal permission level for execution of the build process; and

wherein the levels of trust include:

- (i) levels that are representative of trusted, which has no restrictions ~~to~~on the build process,
- (ii) semi-trusted, which has restrictions ~~to~~on the build process and
- (iii) untrusted, which causes the build process to fail,

wherein if the lowest level of trust is untrusted and the build process fails, the developer is notified.

2. (Canceled)

3. (Currently Amended) The system of claim 1, wherein the policy component includes one or more policy files that define the levels of trust for the build entities. ~~that are processed by the build process.~~

4. (Canceled)

5. (Currently Amended) The system of claim 1, wherein the one or more build entities include ~~at least one~~one or more of a project file, a task, a logger, and operating system (OS) account information.

6. (Currently Amended) The system of claim ~~1~~3, wherein the policy files include a user defined policy file and a default policy file. ~~at least one of the one or more build entities are each associated with the one or more of the levels of trust, which associations are defined in the policy component via at least one of a user definable policy file and a default policy file, at least one or both of which are processed to determine the level of trust for the build process.~~

7. (Canceled)

8. (Currently Amended) The system of claim 1, wherein the associated level of trust of a build entity is determined by a location where the build entity is stored. ~~A computer that employs the system of claim 1.~~

9. (Currently Amended) The system of claim 1, wherein if a build entity is not associated with a level of trust, the assigned level of trust for the build process is untrusted. ~~A server that employs the system of claim 1.~~

10. (Currently Amended) The system of claim 1, wherein at least one of the build entities ~~is~~ is received at least by one of downloading from a website, as part of an e-mail, ~~and or from~~ a version control system.

11. (Currently Amended) A system that facilitates management of a build process, comprising:

a build process processor that executes to build a project that includes~~processes one or more build entities, wherein building the project includes compiling at least one of the one or more build entities;~~ and

one or more policy files that are ~~processed~~accessed by the build process processor before building the project to determine a permission level within which the build process ~~operates~~executes;

~~wherein a developer associates the one or more build entities with one or more levels of trust, such that at build time, a principal permission level under wherein the permission level within which the build process executes is determined by analyzing the levels of trust associated with each of the one or more build entities, and selecting the lowest level of trust of all involved build entities, dictates the principal permission level for execution of the build process; and~~

wherein the levels of trust include:

- (i) levels that are representative of trusted, which has no restrictions ~~to~~on the build process,
- (ii) semi-trusted, which has restrictions ~~to~~on the build process and
- (iii) untrusted, which causes the build process to fail,

wherein if the lowest level of trust is untrusted and the build process fails, the developer is notified.

12. (Currently Amended) The system of claim 11, wherein a build process that executes with a permission level of semi-trusted does not have access to the registry,~~the permission level is based on a level of trust associated with a corresponding entity of the one or more entities.~~

13. (Currently Amended) The system of claim 11, wherein the policy files assign a level of trust to a build entity by grouping storage locations that commonly store build entities and assigning a level of trust to the groupings such that if a build entity is stored in a location that is part of a certain group, the build entity is assigned the level of trust assigned to that certain

~~group, the one or more policy files are all processed against the one or more build entities before the build process builds the one or more build entities.~~

14. (Currently Amended) The system of claim 11, wherein if a build entity is stored in a location that is not included in any of the groupings in any of the policy files, the build entity is untrusted such that the build process executes under a permission level of untrusted.~~the one or more policy files each include an association of an entity with at least one level of trust.~~

15. (Currently Amended) The system of claim 11, wherein the one or more build entities include at least one of a project file, a task, a logger, and operating system (OS) account information.

16. (Currently Amended) The system of claim 11, wherein the one or more policy files include a user defined policy file that defines a new permission level under which the build process may execute.~~the build process fails to build the one or more build entities when the permission level is representative of untrusted.~~

17. (Canceled)

18. (Currently Amended) The system of claim 11, wherein the one or more policy files are written in XML.

19. (Currently Amended) The system of claim 11, wherein the one or more policy files are adjusted automatically according to one or more parameters.

20. (Currently Amended) A computer storage medium having computer-executable instructions for performing a method for managing a build process, the method comprising:

receiving a command to build a project that includes~~build process for building~~ one or more build entities;

accessing one or more policy files to determine a level of trust for each of the one or more build entities~~associating the one or more build entities with a level of trust~~, wherein the levels of trust include:

(i) a trusted level that places no restrictions on the build process~~allowing any operation to be performed~~,

(ii) a semi-trusted level that places restrictions on the build process, but still allows the build process to execute~~and allowing only a minimal set of operations to be performed and~~

(iii) an untrusted level that causes the build process to abort~~aborting the build process~~;

determining the level of trust under which the build process executes by determining the lowest level of trust that is assigned to a build entity in the project~~and a principal permission level under which the build process executes by analyzing the levels of trust associated with each of the build entities~~;

executing the build process with the determined level of trust, if the level of trust is trusted or semi-trusted, or failing the build process if the level of trust is untrusted~~performing the build process at the lowest level of trust of all involved build entities; and if the lowest level of trust is aborting the build process, then notifying a user that the build process failed~~.

21. (Canceled)

22. (Previously Presented) The computer storage medium of claim 20, further comprising sending a message when the build process fails.

23. (Currently Amended) The computer storage medium of claim 20, further comprising receiving input from a developer that defines criteria to be included in the one or

more policy files to define how a level of trust is assigned to a build entity. ~~providing a level of trust that allows any operation to be performed during the act of performing.~~

24. (Currently Amended) The computer storage medium of claim ~~2023~~, wherein the criteria includes a location where a build entity is stored, or the user who is logged into the system. ~~further comprising providing a level of trust that allows only a minimal set of operations to be performed during the act of performing.~~

25. (Currently Amended) The computer storage medium of claim 20, further comprising determining that the one or more policy files does not contain criteria that define a level of trust for one of the build entities in the project, and assigning an untrusted level of trust to the build entity. ~~further comprising providing a level of trust that aborts the build process during the act of performing.~~

26. (Currently Amended) The computer storage medium of claim 20, ~~the act of associating associates~~wherein one of the one or more build entities is associated with at least two levels of trust.

27. (Canceled)

28. (Currently Amended) The computer storage medium of claim 20, wherein the one or more policy files includes a default policy file and a user-defined policy file. ~~the level of trust is defined according to at least one of user-defined policy data and default policy data.~~

29. (Currently Amended) The computer storage medium of claim 28, wherein the user-defined policy ~~file~~data overrides the default file ~~when~~data ~~where~~ a conflict occurs.

30. (Currently Amended) The computer storage medium of claim 20, wherein at least one of the one or more policy files is stored with access restrictions. ~~further comprising storing the association of the build entity with the level of trust in the form of a file to which access is restricted.~~

31-36. (Canceled)

37. (New) A method performed by a processor of a computer system for specifying a level of trust under which a build process is executed in an integrated development environment, the method comprising:

receiving, by a processor that executes code for the integrated development environment, a command to build a project that includes one or more build entities;

accessing one or more policy files to determine a level of trust for each of the one or more build entities, wherein the levels of trust include:

- (i) a trusted level that places no restrictions on the build process,,
- (ii) a semi-trusted level that places restrictions on the build process, but still allows the build process to execute, and
- (iii) an untrusted level that causes the build process to abort;

determining the level of trust under which the build process executes by determining the lowest level of trust that is assigned to a build entity in the project; and

executing the build process with the determined level of trust, if the level of trust is trusted or semi-trusted, or failing the build process if the level of trust is untrusted.

38. (New) The method of claim 37, further comprising sending a message when the build process fails.

39. (New) The method of claim 37, further comprising receiving input from a developer that defines criteria to be included in the one or more policy files to define how a level of trust is assigned to a build entity.

40. (New) The method of claim 39, wherein the criteria includes a location where a build entity is stored, or the user who is logged into the system.

41. (New) The method of claim 37, further comprising determining that the one or more policy files does not contain criteria that define a level of trust for one of the build entities in the project, and assigning an untrusted level of trust to the build entity.

42. (New) The method of claim 37, wherein one of the one or more build entities is associated with at least two levels of trust.

43. (New) The method of claim 37, wherein the one or more policy files includes a default policy file and a user-defined policy file.

44. (New) The method of claim 43, wherein the user-defined policy file overrides the default file when a conflict occurs.

45. (New) The method of claim 37, wherein at least one of the one or more policy files is stored with access restrictions.